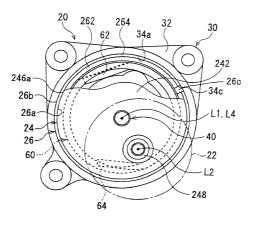


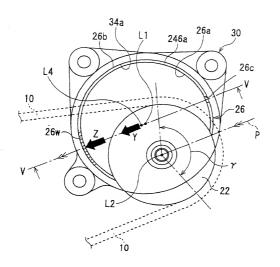
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F i g. 3

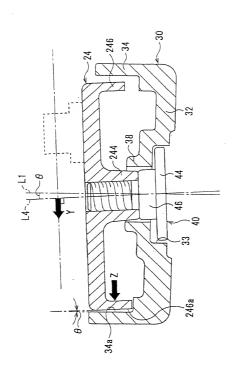


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Fig.4



F і g. 5



6/17 Fig. 6

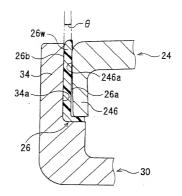
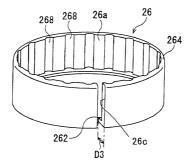


Fig.7



F i g. 8

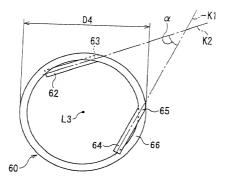


Fig. 9

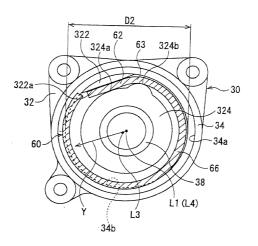
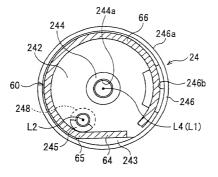
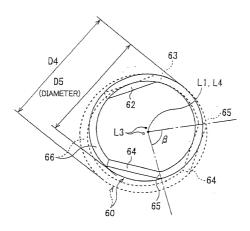


Fig. 10



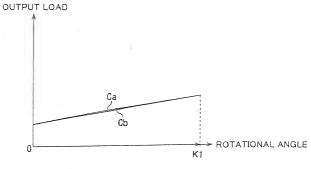
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Fig. 11

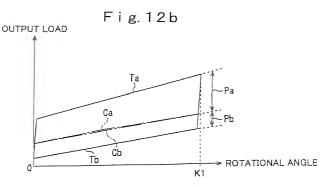


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Fig. 12a



TORSION COIL SPRING ALONE



TORSION COIL SPRING + BUSHING

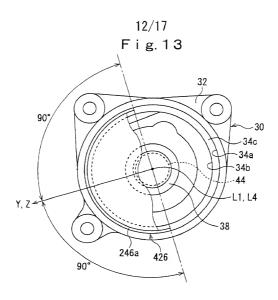


Fig. 14



13/17 Fig. 15

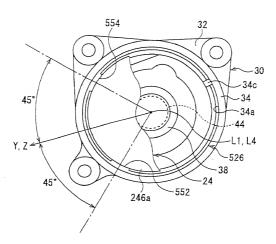


Fig. 16

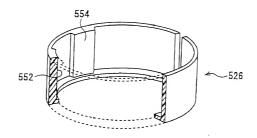
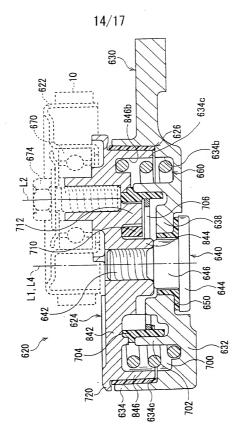


Fig. 17



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Fig. 18

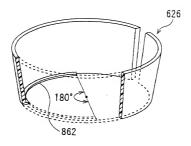


Fig. 19

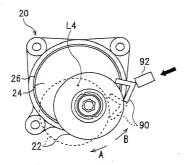
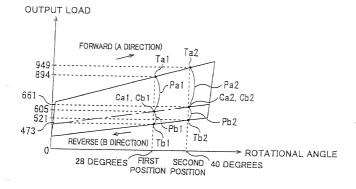


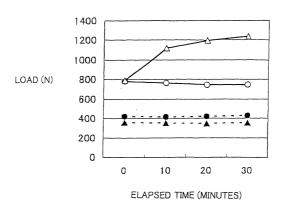
Fig. 20



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Fig. 21

WATER SPRAYING TEST RESULTS



EXAMPLE OF INVENTION (FORWARD OPERATION LOAD)

EXAMPLE OF INVENTION (REVERSE OPERATION LOAD)

COMPARATIVE EXAMPLE (FORWARD OPERATION LOAD)

COMPARATIVE EXAMPLE (REVERSE OPERATION LOAD)